

FOR AGENDA



UNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
Washington, D.C. 20230

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Mr. Edmond Thomas
Chief, Office of Engineering and Technology
Federal Communications Commission
445 Twelfth Street S.W.
Washington, D.C. 20554

Federal Communications Commission
Office of the Secretary

AUG - 8 2002

ET Docket No. 02-305

Dear Mr. Thomas:

The National Telecommunications and Information Administration (NTIA) and the Government agencies have reviewed footnotes US7, US217, and US228 concerning allocations in the frequency range 420-450 MHz. The Army has also requested a modification in the geographical area in the southwest United States contained in US7 and US228 to cover the entire operational test range to prevent interference from amateur operations to missiles launched at Fort Wingate, NM. The Department of Army has stated that:

"The new proposed protection criteria are necessary to cover the entire test range operational area. The old restriction boundaries only include the northern half of El Paso, which is located very close to the south end of WSMR (White Sands Missile Range) and to McGregor Range at Fort Bliss. Amateur operations in the metropolitan area of Albuquerque and Santa Fe present a threat to missiles launched at Fort Wingate, NM aimed at the airspace over WSMR. Kirtland Air Force Base, with AF Research Lab (Directed RF Energy Programs), DoD NAG (National Assessment Group), and AFOTEC (Air Force Operational Test and Evaluation Command), is now a DOD test and evaluation center using areas both South (Manzano Mountain range) and West (Fort Sumner) of Albuquerque. Some testing in this area is vulnerable to higher power Amateur operations."

We have simplified, updated and revised the footnotes as shown in the enclosure. NTIA requests that the FCC take the necessary actions to make these modifications to the National Table of Frequency Allocations. If you have any questions regarding this subject, the NTIA point-of-contact is Edward Davison (202-482-5526) or via email edavison@ntia.doc.gov.

Sincerely,

Fredrick R. Wentland
Acting Associate Administrator
Office of Spectrum Management

Enclosure

Noted by: [signature]
Date: [signature]

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ENCLOSURE
MODIFIED FOOTNOTES US7, US217, AND US228

MOD US7--In the band 420-450 MHz and within the following areas, the peak envelope power output of a transmitter employed in the amateur service shall not exceed 50 watts, unless expressly authorized by the Commission after mutual agreement, on a case-by-case basis, between the Federal Communications Commission Engineer in Charge at the applicable district office and the military area frequency coordinator at the applicable military base. For areas (e) through (j), the appropriate military coordinator is located at Peterson AFB, CO.

(a) ~~The entire State~~ Those portions of Texas and New Mexico, and Texas ~~bounded on the south by latitude 31° 45' North, on the east by west of longitude 104° 00' West, on the north by latitude 34° 30' North, and on the west by longitude 107° 30' West;~~

(b) The entire State of Florida including the Key West area and the areas enclosed within a 322-kilometer (200-mile) radius of Patrick Air Force Base, Florida (latitude 28° 21' North, longitude 80° 43' West), and within a 322-kilometer (200-mile) radius of Eglin Air Force Base, Florida (latitude 30° 30' North, longitude 86° 30' West);

(c) The entire State of Arizona;

(d) Those portions of California and Nevada south of latitude 37° 10' North, and the areas enclosed within a 322-kilometer (200-mile) radius of the Pacific Missile Test Center, Point Mugu, California (latitude 34° 09' North, longitude 119° 11' West).

(e) In the State of Massachusetts within a 160-kilometer (100-mile) radius around locations at Otis Air Force Base, Massachusetts (latitude 41° 45' North, longitude 70° 32' West).

(f) In the State of California within a 240-kilometer (150-mile) radius around locations at Beale Air Force Base, California (latitude 39° 08' North, longitude 121° 26' West).

(g) In the State of Alaska within a 160-kilometer (100-mile) radius of Clear, Alaska (latitude 64° 17' North, longitude 149° 10' West).

(h) In the State of North Dakota within a 160-kilometer (100-mile) radius of Concrete, North Dakota (latitude 48° 43' North, longitude 97° 54' West).

(i) In the States of Alabama, Georgia and South Carolina within a 200-kilometer (124-mile) radius of Warner Robins Air Force Base, Georgia (latitude 32° 38' North, longitude 83° 35' West).

(j) In the State of Texas within a 200-kilometer (124-mile) radius of Goodfellow Air Force Base, Texas (latitude 31° 25' North, longitude 100° 24' West).

~~——(j) In the State of Texas within a 200 kilometer (124 mile) radius of Goodfellow Air Force Base, Texas (latitude 31° 25' North, longitude 100° 24' West).~~

MOD US217--Pulse-ranging radiolocation systems may be authorized for Government and non-Government use in the 420-450 MHz band along the shorelines of Alaska and the contiguous 48 States. Spread spectrum radiolocation systems may be authorized in the 420-435 MHz portion of the band for operation within the contiguous 48 States and Alaska. Authorizations will be granted on a case-by-case basis; however, operations proposed to be located within the ~~zones set forth in US228~~ following geographic areas should not expect to be accommodated:

- (a) The entire State of New Mexico, and Texas west of longitude 104° 00' West;
- (b) The entire State of Florida including the Key West area and the areas enclosed within a 322-kilometer (200-mile) radius of Patrick Air Force Base, Florida (latitude 28° 21' North, longitude 80° 43' West), and within a 322-kilometer (200-mile) radius of Eglin Air Force Base, Florida (latitude 30° 30' North, longitude 86° 30' West);
- (c) The entire State of Arizona;
- (d) Those portions of California and Nevada south of latitude 37° 10' North, and the areas enclosed within a 322-kilometer (200-mile) radius of the Pacific Missile Test Center, Point Mugu, California (latitude 34° 09' North, longitude 119° 11' West);
- (e) In the State of Massachusetts within a 160-kilometer (100-mile) radius around locations at Otis Air Force Base, Massachusetts (latitude 41° 45' North, longitude 70° 32' West);
- (f) In the State of California within a 240-kilometer (150-mile) radius around locations at Beale Air Force Base, California (latitude 39° 08' North, longitude 121° 26' West);
- (g) In the State of Alaska within a 160-kilometer (100-mile) radius of Clear, Alaska (latitude 64° 17' North, longitude 149° 10' West);
- (h) In the State of North Dakota within a 160-kilometer (100-mile) radius of Concrete, North Dakota (latitude 48° 43' North, longitude 97° 54' West);
- (i) In the States of Alabama, Georgia and South Carolina within a 200-kilometer (124-mile) radius of Warner Robins Air Force Base, Georgia (latitude 32° 38' North, longitude 83° 35' West);
- (j) In the State of Texas within a 200-kilometer (124-mile) radius of Goodfellow Air Force Base, Texas (latitude 31° 25' North, longitude 100° 24' West);

All stations operating in accordance with this provision will be secondary to stations operating in accordance with the Table of Frequency Allocations.

SUP US228—Applicants for operation in the band 420 to 450 MHz under the provisions of US217 should not expect to be accommodated if their area of service is within the following geographic areas:

- (a) Those portions of Texas and New Mexico bounded on the south by latitude $31^{\circ} 45'$ North, on the east by longitude $104^{\circ} 00'$ West, on the north by latitude $34^{\circ} 30'$ North, and on the West by longitude $107^{\circ} 30'$ West.
- (b) In the State of Massachusetts within a 160 kilometers (100 miles) radius around the locations of Otis Air Force Base, Massachusetts (latitude $41^{\circ} 45'$ North, longitude $70^{\circ} 32'$ West).
- (c) In the State of California within a 240 kilometer (150 mile) radius of Beale Air Force Base, California (latitude $39^{\circ} 08'$ North, longitude $121^{\circ} 26'$ West).
- (d) In the State of Alaska, within a 160 kilometer (100 mile) radius of Clear, Alaska (latitude $64^{\circ} 17'$ North, longitude $149^{\circ} 10'$ West).
- (e) In the State of North Dakota, within a 160 kilometer (100 mile) radius of Concrete, North Dakota (latitude $48^{\circ} 43'$ North, longitude $97^{\circ} 54'$ West).
- (f) Those portions of Texas and New Mexico bounded on the south by latitude $31^{\circ} 45'$ North, on the east by longitude $104^{\circ} 100'$ West, on the north by latitude $34^{\circ} 30'$ North, and on the West by longitude $107^{\circ} 30'$ West.
- (g) In the state of Alaska within a 160 kilometer (100 mile) radius of Clear, Alaska (latitude $64^{\circ} 17'$ North, longitude $149^{\circ} 10'$ West).
- (h) In the state of North Dakota within a 160 kilometer (100 mile) radius of Concrete, North Dakota (latitude $48^{\circ} 43'$ North, longitude $97^{\circ} 54'$ West).
- (i) In the States of Alabama, Florida, Georgia and South Carolina within a 200 kilometer (124 mile) radius of Warner Robins Air Force Base, Georgia (latitude $32^{\circ} 38'$ North, longitude $83^{\circ} 35'$ West).
- (j) In the State of Texas within a 200 kilometer (124 mile) radius of Goodfellow Air Force Base, Texas (latitude $31^{\circ} 25'$ North, longitude $100^{\circ} 24'$ West).